Applied Energy **38** (1991) 331–332

CONTENTS OF VOLUME 38

Number 1

The Performance of a Coiled Finned-Tube Heat-Exchanger Submerged in a Hot-Water Store: The Effect of the Exchanger's Orientation 1
R. MOTE, S. D. PROBERT & D. NEVRALA (UK)

Mass Transfer from a Sublimating Naphthalene Cylinder to a Crossflow of Air 21
LARRY W. FITE & WILLIAM S. JANNA (USA)

Modelling as a Tool for Evaluating the Effects of Energy-Saving Measures. Case Study: A Tumbler Drier 33
A. J. D. LAMBERT, F. P. M. SPRUIT & J. CLAUS (The Netherlands)

Energy Overview of Malta 49
J. CACHIA (Malta) & S. D. PROBERT (UK)

Influence of Tracer-Gases on the Accuracy of Interzonal Airflow Measurements 67
S. B. RIFFAT (UK)

Book Review 79

Number 2

Effects of Edges on Solar-Energy Collection in Small Solar Ponds . . . 81
M. A. HASSAB (Arabian Gulf) & O. A. EL-MASRY (Egypt)

Performances of Heat Exchangers with Tapered Fins 95
S. F. HO, C. W. LEUNG (Hong Kong) & S. D. PROBERT (UK)

A Modified Otto Cycle Engine for Fuel Economy 105
R. CHICUREL (Mexico)

Flowfield Around a Partially-Blocked Savonius Rotor 117
M. A. KOTB & T. K. ALDOSS (Jordan)

A Heat-Recovery Cooling System to Conserve Energy in Gas-Turbine Power Stations in the Arabian Gulf 133
ADEL E. M. NASSER & MOHAMED A. EL-KALAY (Bahrain)

Applied Energy **38** (1991)—© 1991 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Heat Transfer from Turbulent Air Flowing Through a Cooled Isothermal Tube 143
WILLIAM S. JANNA, TONY EL-NAR & DAVID ALCIATORE (USA)

Book Reviews 157

Number 3

Working Fluids Thermodynamic Behavior for Vapor Compression Cycles. . 163
FILIPPO DE'ROSSI, RITA MASTRULLO & PIETRO MAZZEI (Italy)

Non-uniform Velocity Effect in a Constant-Area Ejector Without a Diffuser . 181
TING-HSIEN LAN & HONG-SEN KOU (Taiwan)

Passive Solar Heating of Buildings Using a Fluidized Bed Plus Trombe Wall System 199
MURAT TUNÇ & MITHAT UYSAL (Turkey)

Open Absorption System: Experimental Study in a Laboratory Pilot Plant . 215
L. WESTERLUND & J. DAHL (Sweden)

Airflow Rate Through a Heat-Exchanger Coil 231
S. B. RIFFAT (UK)

Book Review 239

Number 4

Natural-Convection Cooling of a Housed, Simulated Printed-Circuit Board . 245
K. F. CHAN, C. W. LEUNG (Hong Kong) & S. D. PROBERT (UK)

Heat-Integration Retrofit Study of a Petroleum Refinery 253
SALIH DINÇER & İNCI ŞENTARLI (Turkey)

Heat-Transfer Considerations for Large Liquefied-Natural-Gas Storage Tanks . 263
P. JOURDA & S. D. PROBERT (UK)

Is Space Heating in Offices Really Necessary? 283
STIG-INGE GUSTAFSSON & BJÖRN G. KARLSSON (Sweden)

Heat Transfers in Treatment Furnaces 293
M. K. WHITE & S. D. PROBERT (UK)

Book Reviews 325